



1/5

SEQUENCE LISTING

<110> Chernajovsky, Yuti
Neve, Richard
Feldmann, Marc

<120> Small Molecular Weight TNF Receptor Multimeric Molecule

<130> KIR95-01A

<150> 08/437,533

<151> 1995-05-09

<160> 4

<170> FastSEQ for Windows Version 3.0

<210> 1

<211> 1506

<212> DNA

<213> Artificial Sequence

<220> Open Reading Frame of Human P75 TNF-R ECD

<221> CDS

<222> (1)...(1506)

<400> 1

atg gcg ccc gtc gcc gtc tgg gcc gcg ctg gcc gtc gga ctg gag ctc	48
Met Ala Pro Val Ala Val Trp Ala Ala Leu Ala Val Gly Leu Glu Leu	
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tgg gct gcg gcg cac gcc ttg ccc gcc cag gtg gca ttt aca ccc tac	96
Trp Ala Ala Ala His Ala Leu Pro Ala Gln Val Ala Phe Thr Pro Tyr	
20 25 30	

gcc ccg gag ccc ggg agc aca tgc cgg ctc aga gaa tac tat gac cag	144
Ala Pro Glu Pro Gly Ser Thr Cys Arg Leu Arg Glu Tyr Tyr Asp Gln	
35 40 45	

aca gct cag atg tgc tgc agc aaa tgc tcg ccg ggc caa cat gca aaa	192
Thr Ala Gln Met Cys Cys Ser Lys Cys Ser Pro Gly Gln His Ala Lys	
50 55 60	

gtc ttc tgt acc aag acc tcg gac acc gtg tgt gac tcc tgt gag gac	240
Val Phe Cys Thr Lys Thr Ser Asp Thr Val Cys Asp Ser Cys Glu Asp	
65 70 75 80	

agc aca tac acc cag ctc tgg aac tgg gtt ccc gag tgc ttg agc tgt	288
Ser Thr Tyr Thr Gln Leu Trp Asn Trp Val Pro Glu Cys Leu Ser Cys	
85 90 95	

ggc tcc cgc tgt agc tct gac cag gtg gaa act caa gcc tgc act cgg	336
Gly Ser Arg Cys Ser Ser Asp Gln Val Glu Thr Gln Ala Cys Thr Arg	
100 105 110	

gaa cag aac cgc atc tgc acc tgc agg ccc ggc tgg tac tgc gcg ctg	384
Glu Gln Asn Arg Ile Cys Thr Cys Arg Pro Gly Trp Tyr Cys Ala Leu	
115 120 125	
agc aag cag gag ggg tgc cgg ctg tgc gcg ccg ctg cgc aag tgc cgc	432
Ser Lys Gln Glu Gly Cys Arg Leu Cys Ala Pro Leu Arg Lys Cys Arg	
130 135 140	
ccg ggc ttc ggc gtg gcc aga cca gga act gaa aca tca gac gtg gtg	480
Pro Gly Phe Gly Val Ala Arg Pro Gly Thr Glu Thr Ser Asp Val Val	
145 150 155 160	
tgc aag ccc tgt gcc ccg ggg acg ttc tcc aac acg act tca tcc acg	528
Cys Lys Pro Cys Ala Pro Gly Thr Phe Ser Asn Thr Thr Ser Thr	
165 170 175	
gat att tgc agg ccc cac cag atc tgt aac gtg gtg gcc atc cct ggg	576
Asp Ile Cys Arg Pro His Gln Ile Cys Asn Val Val Ala Ile Pro Gly	
180 185 190	
aat gca agc atg gat gca gtc tgc acg tcc acg tcc ccc acc cgg agt	624
Asn Ala Ser Met Asp Ala Val Cys Thr Ser Thr Ser Pro Thr Arg Ser	
195 200 205	
atg gcc cca ggg gca gta cac tta ccc cag cca gtg tcc aca cga tcc	672
Met Ala Pro Gly Ala Val His Leu Pro Gln Pro Val Ser Thr Arg Ser	
210 215 220	
caa cac acg cag cca act cca gaa ccc agc act gct cca agc acc tcc	720
Gln His Thr Gln Pro Thr Pro Glu Pro Ser Thr Ala Pro Ser Thr Ser	
225 230 235 240	
ttc ctg ctc cca atg ggc ccc agc ccc cca gct aga ggt ggg ggc ggt	768
Phe Leu Leu Pro Met Gly Pro Ser Pro Pro Ala Arg Gly Gly Gly Gly	
245 250 255	
tcg ggt ggc ggc ggc tcg ggc ggg ggt ggc tcg gat ccc gcc cag gtg	816
Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Asp Pro Ala Gln Val	
260 265 270	
gca ttt aca ccc tac gcc ccg gag ccc ggg agc aca tgc cgg ctc aga	864
Ala Phe Thr Pro Tyr Ala Pro Glu Pro Gly Ser Thr Cys Arg Leu Arg	
275 280 285	
gaa tac tat gac cag aca gct cag atg tgc tgc agc aaa tgc tcg ccg	912
Glu Tyr Tyr Asp Gln Thr Ala Gln Met Cys Cys Ser Lys Cys Ser Pro	
290 295 300	
ggc caa cat gca aaa gtc ttc tgt acc aag acc tcg gac acc gtg tgt	960
Gly Gln His Ala Lys Val Phe Cys Thr Lys Thr Ser Asp Thr Val Cys	
305 310 315 320	
gac tcc tgt gag gac agc aca tac acc cag ctc tgg aac tgg gtt ccc	1008
Asp Ser Cys Glu Asp Ser Thr Tyr Thr Gln Leu Trp Asn Trp Val Pro	
325 330 335	
gag tgc ttg agc tgt ggc tcc cgc tgt agc tct gac cag gtg gaa act	1056
Glu Cys Leu Ser Cys Gly Ser Arg Cys Ser Ser Asp Gln Val Glu Thr	
340 345 350	

caa gcc tgc act cgg gaa cag aac cgc atc tgc acc tgc agg ccc ggc	1104
Gln Ala Cys Thr Arg Glu Gln Asn Arg Ile Cys Thr Cys Arg Pro Gly	
355 360 365	
tggtac tgc gcg ctg agc aag cag gag ggg tgc cgg ctg tgc gcg ccg	1152
Trp Tyr Cys Ala Leu Ser Lys Gln Glu Gly Cys Arg Leu Cys Ala Pro	
370 375 380	
ctg cgc aag tgc cgc ccg ggc ttc ggc gtg gcc aga cca gga act gaa	1200
Leu Arg Lys Cys Arg Pro Gly Phe Gly Val Ala Arg Pro Gly Thr Glu	
385 390 395 400	
aca tca gac gtg gtg tgc aag ccc tgt gcc ccg ggg acg ttc tcc aac	1248
Thr Ser Asp Val Val Cys Lys Pro Cys Ala Pro Gly Thr Phe Ser Asn	
405 410 415	
acg act tca tcc acg gat att tgc agg ccc cac cag atc tgt aac gtg	1296
Thr Thr Ser Ser Thr Asp Ile Cys Arg Pro His Gln Ile Cys Asn Val	
420 425 430	
gtg gcc atc cct ggg aat gca agc atg gat gca gtc tgc acg tcc acg	1344
Val Ala Ile Pro Gly Asn Ala Ser Met Asp Ala Val Cys Thr Ser Thr	
435 440 445	
tcc ccc acc cgg agt atg gcc cca ggg gca gta cac tta ccc cag cca	1392
Ser Pro Thr Arg Ser Met Ala Pro Gly Ala Val His Leu Pro Gln Pro	
450 455 460	
gtg tcc aca cga tcc caa cac acg cag cca act cca gaa ccc agc act	1440
Val Ser Thr Arg Ser Gln His Thr Gln Pro Thr Pro Glu Pro Ser Thr	
465 470 475 480	
gct cca agc acc tcc ttc ctg ctc cca atg ggc ccc agc ccc cca gct	1488
Ala Pro Ser Thr Ser Phe Leu Leu Pro Met Gly Pro Ser Pro Pro Ala	
485 490 495	
gaa ggg agc act ggc tag	1506
Glu Gly Ser Thr Gly *	
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<210> 2

<211> 501

<212> PRT

<213> Artificial Sequence

<220> Open Reading Frame of Human P75 TNF-R ECD

<400> 2

Met Ala Pro Val Ala Val Trp Ala Ala Leu Ala Val Gly Leu Glu Leu	
1 5 10 15	
Trp Ala Ala Ala His Ala Leu Pro Ala Gln Val Ala Phe Thr Pro Tyr	
20 25 30	
Ala Pro Glu Pro Gly Ser Thr Cys Arg Leu Arg Glu Tyr Tyr Asp Gln	
35 40 45	
Thr Ala Gln Met Cys Cys Ser Lys Cys Ser Pro Gly Gln His Ala Lys	
50 55 60	

Val Phe Cys Thr Lys Thr Ser Asp Thr Val Cys Asp Ser Cys Glu Asp
65 70 75 80

Ser Thr Tyr Thr Gln Leu Trp Asn Trp Val Pro Glu Cys Leu Ser Cys
85 90 95
Gly Ser Arg Cys Ser Ser Asp Gln Val Glu Thr Gln Ala Cys Thr Arg
100 105 110
Glu Gln Asn Arg Ile Cys Thr Cys Arg Pro Gly Trp Tyr Cys Ala Leu
115 120 125
Ser Lys Gln Glu Gly Cys Arg Leu Cys Ala Pro Leu Arg Lys Cys Arg
130 135 140
Pro Gly Phe Gly Val Ala Arg Pro Gly Thr Glu Thr Ser Asp Val Val
145 150 155 160
Cys Lys Pro Cys Ala Pro Gly Thr Phe Ser Asn Thr Thr Ser Ser Thr
165 170 175
Asp Ile Cys Arg Pro His Gln Ile Cys Asn Val Val Ala Ile Pro Gly
180 185 190
Asn Ala Ser Met Asp Ala Val Cys Thr Ser Thr Ser Pro Thr Arg Ser
195 200 205
Met Ala Pro Gly Ala Val His Leu Pro Gln Pro Val Ser Thr Arg Ser
210 215 220
Gln His Thr Gln Pro Thr Pro Glu Pro Ser Thr Ala Pro Ser Thr Ser
225 230 235 240
Phe Leu Leu Pro Met Gly Pro Ser Pro Pro Ala Arg Gly Gly Gly Gly
245 250 255
Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Asp Pro Ala Gln Val
260 265 270
Ala Phe Thr Pro Tyr Ala Pro Glu Pro Gly Ser Thr Cys Arg Leu Arg
275 280 285
Glu Tyr Tyr Asp Gln Thr Ala Gln Met Cys Cys Ser Lys Cys Ser Pro
290 295 300
Gly Gln His Ala Lys Val Phe Cys Thr Lys Thr Ser Asp Thr Val Cys
305 310 315 320
Asp Ser Cys Glu Asp Ser Thr Tyr Thr Gln Leu Trp Asn Trp Val Pro
325 330 335
Glu Cys Leu Ser Cys Gly Ser Arg Cys Ser Ser Asp Gln Val Glu Thr
340 345 350

Gln Ala Cys Thr Arg Glu Gln Asn Arg Ile Cys Thr Cys Arg Pro Gly
355 360 365
Trp Tyr Cys Ala Leu Ser Lys Gln Glu Gly Cys Arg Leu Cys Ala Pro
370 375 380
Leu Arg Lys Cys Arg Pro Gly Phe Gly Val Ala Arg Pro Gly Thr Glu
385 390 395 400
Thr Ser Asp Val Val Cys Lys Pro Cys Ala Pro Gly Thr Phe Ser Asn
405 410 415
Thr Thr Ser Ser Thr Asp Ile Cys Arg Pro His Gln Ile Cys Asn Val
420 425 430
Val Ala Ile Pro Gly Asn Ala Ser Met Asp Ala Val Cys Thr Ser Thr
435 440 445
Ser Pro Thr Arg Ser Met Ala Pro Gly Ala Val His Leu Pro Gln Pro
450 455 460
Val Ser Thr Arg Ser Gln His Thr Gln Pro Thr Pro Glu Pro Ser Thr
465 470 475 480
Ala Pro Ser Thr Ser Phe Leu Leu Pro Met Gly Pro Ser Pro Pro Ala
485 490 495
Glu Gly Ser Thr Gly
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<210> 3
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<212> DNA
<213> Artificial Sequence

<220>
<223> deoxyoligonucleotide primer

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<210> 4
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> deoxyoligonucleotide primer

<400> 4
cggaattcta gaaggtaccc

20